

ABSTRACT OF THE DISCLOSURE

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**METHOD AND SYSTEM FOR PROCESSING
MULTIPLE FRAGMENT REQUESTS IN A SINGLE MESSAGE**

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A method, a system, an apparatus, and a computer program product are presented for a fragment caching methodology. After receiving a message at a computing device that contains a cache management unit, a fragment in the message is cached. Subsequent requests for the fragment at the cache management unit result in a cache hit. A FRAGMENTLINK tag is used to specify the location in a fragment for an included or linked fragment to be inserted into the fragment during fragment or page assembly. Performance for processing fragments can be improved by obtaining multiple fragments in a single request message. A cache management unit is able to generate a request message for multiple fragments when multiple FRAGMENTLINK tags are found within a single fragment. A cache management unit is also able to response to a request message containing multiple requests for fragments that may be found within its cache.